

Amendments to the Specification:

Please replace the abstract at page 28 with the following amended abstract:

A printing system for printing a code on a product or product packaging. The printing system includes a laser source for producing a printing beam and at least two mirrors to direct the printing beam to a plurality of locations on a material. The two mirrors form part of an optics assembly, which includes low angle optics (e.g., a starting angle of 75 degrees, corresponding to an angle of reflection of 52.5 degrees) and/or reversed optics (e.g., a first mirror controlling Y direction beam scanning while directing the beam to a second mirror, the second mirror controlling X direction beam scanning).